

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L13	41	("metal halide" HI D "high energy discharge") and (((run running start starting) near2 up) same (DC "direct current") same temperature)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/05 11:09
L14	31	13 not ("2006".ay. "2007".ay. "2008".ay. "2009".ay. "2006".py. "2007".py. "2008".py. "2009".py.)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/05 11:09
L25	21	("metal halide" HI D "high energy discharge") and (((warm run running start starting) near2 up) same ((DC "direct current") with (no none zero)))	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/05 11:39
L26	16	25 not ("2006".ay. "2007".ay. "2008".ay. "2009".ay. "2006".py. "2007".py. "2008".py. "2009".py.)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/05 11:39
L27	2432	313/113-115.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/05 13:46
L28	56	L27 and (asymmetric \$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/05 13:46
L29	1428	313/113.ccls.	US-PGPUB; USPAT	OR	ON	2009/05/05 13:49
L30	1211	L29 not ("2005".ay. "2005".py. "2006".ay. "2007".ay. "2008".ay. "2009".ay. "2006".py. "2007".py. "2008".py. "2009".py.)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/05 13:49
L31	29	L30 and "first electrode" and "second electrode"	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/05 13:49
L32	265	30 and (cross\$1section "cross section")	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/05 13:51

L33	19	30 and (vessel with shape)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/05 13:55
S1	1	"10597715"	US-PGPUB; USPAT	OR	ON	2009/05/01 17:24
S2	27	(josephus near4 hendricx).in.	US-PGPUB; USPAT	OR	ON	2009/05/01 17:25
S3	7	(theodorus near4 VOS).in.	US-PGPUB; USPAT	OR	ON	2009/05/01 17:25
S4	433	313/637.ccls.	US-PGPUB; USPAT	OR	ON	2009/05/04 10:38
S6	10	S4 and segregat\$3	US-PGPUB; USPAT	OR	ON	2009/05/04 10:39
S7	307	362/538.ccls.	US-PGPUB; USPAT	OR	ON	2009/05/04 10:49
S8	1	S7 and segregat\$3	US-PGPUB; USPAT	OR	ON	2009/05/04 10:49
S10	1230	("metal halide" HID "high energy discharge") and segregat\$3	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 10:50
S11	34	S10 and "direct current"	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 10:50
S13	11	S10 and ("focal point" same reflector)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 10:54
S14	11	("4064418"   "4143301"   "4360758"   "4937501"   "5569984"   "5572093"   "6034489"   "6144172"   "6175199").PN. OR ("6369518").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/04 10:57
S15	10	("4928038"   "5262701"   "5698948"   "5828178"   "6242851"   "6369518"   "6441564"   "6717364"   "6958580").PN. OR ("7049768").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/04 11:18
S16	157	("metal halide" HID "high energy discharge") and (segregat\$3 same (density "spatial distribution" distribution))	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 11:23

S17	4	S16 and (direct adj current)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 11:24
S18	78	S16 and reflect\$3	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 11:24
S20	3	"6400100".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 11:28
S21	79	S16 not S18	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 11:32
S22	9	("20010003411"   "4621216"   "4808876"   "5083059"   "5113121"   "5525863"   "6147453"   "6294870"   "6844676").PN. OR ("7233109").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/04 11:55
S23	27	((josephus near4 hendricx).in.	US-PGPUB; USPAT	OR	ON	2009/05/04 12:00
S24	7	(theodorus near4 VOS). in.	US-PGPUB; USPAT	OR	ON	2009/05/04 12:00
S25	33	S23 S24	US-PGPUB; USPAT	OR	ON	2009/05/04 12:00
S26	148	("koninklijke phillips electronic").as.	US-PGPUB; USPAT	OR	ON	2009/05/04 12:16
S27	7	("5563777"   "5798620"   "5907196"   "6133695"   "6175199"   "6369518"   "6979958").PN. OR ("7432665").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/04 12:30
S28	6167	("metal halide" HID "high energy discharge" head\$1lamp (vehicle near2 lamp)) and ((segreat\$3 same (density "spatial distribution" distribution)) ((ion particle) with (density distribution)))	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 12:36
S29	313	S28 and horizontal and (DC "direct current")	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 12:37

S30	154	S29 not ("2006".ay. "2007".ay. "2008".ay. "2009".ay. "2006".py. "2007".py. "2008".py. "2009".py.)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 12:38
S31	450	S28 and (horizontal longitudinal) and (DC "direct current")	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 12:58
S32	244	S31 not ("2006".ay. "2007".ay. "2008".ay. "2009".ay. "2006".py. "2007".py. "2008".py. "2009".py.)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 12:58
S33	90	S32 not S30	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 12:58
S34	6104	("metal halide" HID "high energy discharge" head\$1lamp (vehicle near2 lamp)) and ((ion particle) with (distribution density))	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 13:03
S35	1475	S34 and (horizontal longitudinal)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 13:04
S36	385	S35 and (DC "direct current")	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 13:04
S37	206	S36 not ("2006".ay. "2007".ay. "2008".ay. "2009".ay. "2006".py. "2007".py. "2008".py. "2009".py.)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 13:04
S38	0	S37 not S32	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 13:04
S39	80	S37 not S30	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 13:05
S40	219964	313/623-625, 634-637, "493", "318.12", "570"	US-PGPUB; USPAT	OR	ON	2009/05/04 13:12
S41	246	S40 and ((ion particle) with (density distribution)) and (horizontal longitudinal) and (DC "direct current") and (halide Xenon Xe)	US-PGPUB; USPAT	OR	ON	2009/05/04 13:13

S42	130	S41 not ("2006".ay. "2007".ay. "2008".ay. "2009".ay. "2006".py. "2007".py. "2008".py. "2009".py.)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 13:13
S43	307	362/538.ccls.	US-PGPUB; USPAT	OR	ON	2009/05/04 13:16
S44	1	S43 and ((ion particle) with (density distribution))	US-PGPUB; USPAT	OR	ON	2009/05/04 13:56
S45	25	S4 and ((ion particle) with (density distribution))	US-PGPUB; USPAT	OR	ON	2009/05/04 13:57
S46	25	S4 and ((ion particle) with (density distribution gradient))	US-PGPUB; USPAT	OR	ON	2009/05/04 13:59
S47	433	313/637.ccls.	US-PGPUB; USPAT	OR	ON	2009/05/04 14:20
S48	25	S47 and ((ion particle) with (density distribution gradient))	US-PGPUB; USPAT	OR	ON	2009/05/04 14:20
S49	1160	("metal halide lamp") and ((segreat\$3 same (density "spatial distribution" distribution gradient)) ((ion particle) with (density distribution)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/04 14:27
S50	10	("metal halide lamp") and (segreat\$3 same ((density "spatial distribution" distribution gradient) with (ion particle)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/04 14:29
S51	1160	("metal halide lamp") and ((density "spatial distribution" distribution gradient) with (ion particle))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/04 14:31
S52	533	S51 not ("2006".ay. "2007".ay. "2008".ay. "2009".ay. "2006".py. "2007".py. "2008".py. "2009".py.)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 14:31
S53	356	S52 and reflect\$3	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 14:33
S54	104	S53 and (DC "direct current")	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 14:33

S55	1	S25 and (running-up)	US-PGPUB; USPAT	OR	ON	2009/05/04 15:21
S56	6	S25 and ((power\$3 start\$3) with up)	US-PGPUB; USPAT	OR	ON	2009/05/04 15:21
S57	1	("metal halide lamp") and ((density "spatial distribution" distribution gradient) with (ion particle)) and (segregat\$3 (color near2 separat\$3) dim \$3)	DERWENT	OR	ON	2009/05/04 15:46
S58	464	("metal halide lamp") and ((density "spatial distribution" distribution gradient) with (ion particle)) and (segregat\$3 (color near2 separat\$3) dim \$3)	US-PGPUB; USPAT; EPO	OR	ON	2009/05/04 15:49
S59	188	S58 not ("2006".ay. "2007".ay. "2008".ay. "2009".ay. "2006".py. "2007".py. "2008".py. "2009".py.)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 15:50
S60	24	("4241382"   "4460939"   "5021928"   "5099168"   "5469337").PN. OR ("5574328").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/04 16:00
S61	2432	313/113-115.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/04 16:06
S62	91	S61 and (segregat\$3 (color near2 separat \$3) dim dimmer)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/04 16:07
S63	36	S62 not ("2006".ay. "2007".ay. "2008".ay. "2009".ay. "2006".py. "2007".py. "2008".py. "2009".py.)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 16:08
S64	58	("3341731"   "3378713"   "3862449"   "4138621"   "4253037").PN. OR ("4799135").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/04 16:12
S65	51	("4799135").URPN.	USPAT	OR	ON	2009/05/04 16:20
S66	10	S25 and ("run up" "start up" running starting)	US-PGPUB; USPAT	OR	ON	2009/05/04 18:04

S67	87	S7 and ("run up" "start up" running starting)	US-PGPUB; USPAT	OR	ON	2009/05/04 18:06
S68	340	("metal halide" HID "high energy discharge") and (((run running start starting) near2 up) with current)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 18:07
S69	208	S68 not ("2006".ay. "2007".ay. "2008".ay. "2009".ay. "2006".py. "2007".py. "2008".py. "2009".py.)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 18:08
S70	112	("metal halide" HID "high energy discharge") and (((run running start starting) near2 up) with (DC "direct current"))	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 18:10
S71	71	S70 not ("2006".ay. "2007".ay. "2008".ay. "2009".ay. "2006".py. "2007".py. "2008".py. "2009".py.)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 18:11
S72	2	S61 and assymetric\$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/04 19:03
S73	433	313/637.ccls.	US-PGPUB; USPAT	OR	ON	2009/05/04 19:06
S74	1428	313/113.ccls.	US-PGPUB; USPAT	OR	ON	2009/05/04 19:31
S75	1211	S74 not ("2005".ay. "2005".py. "2006".ay. "2007".ay. "2008".ay. "2009".ay. "2006".py. "2007".py. "2008".py. "2009".py.)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 19:31
S76	13	S75 and asymmetric	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 19:32
S77	56	S61 and (asymmetric \$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/04 19:33
S78	34	S77 not ("2005".ay. "2005".py. "2006".ay. "2007".ay. "2008".ay. "2009".ay. "2006".py. "2007".py. "2008".py. "2009".py.)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 19:33
S79	21	S78 not S76	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/04 19:33

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